OIPE JC95 SEP 08 2003 PATENT & TRADEMARK OFFICE

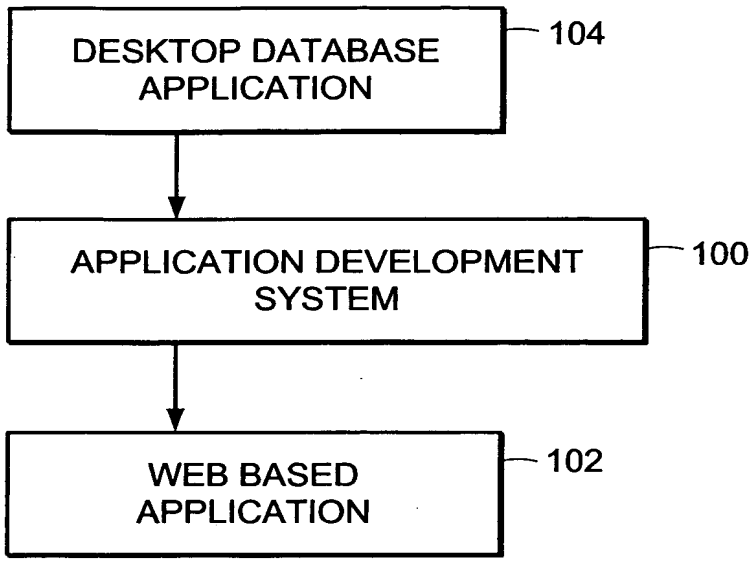

FIG. 1

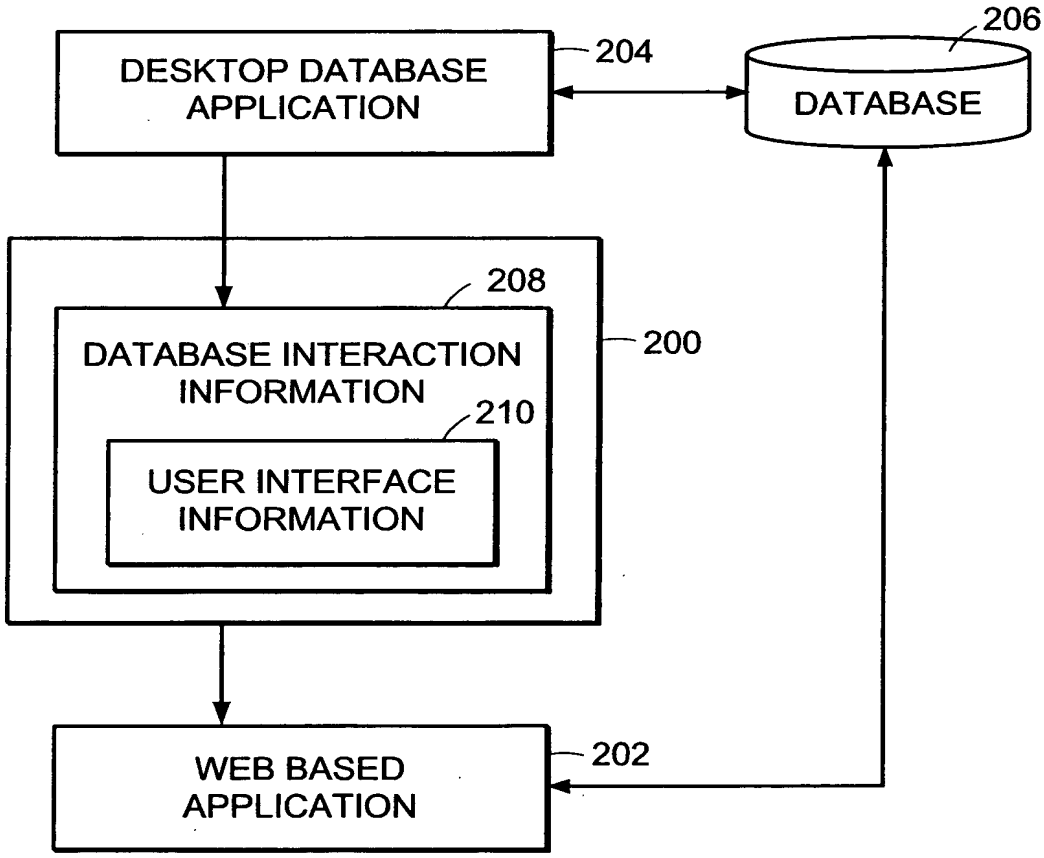

FIG. 2

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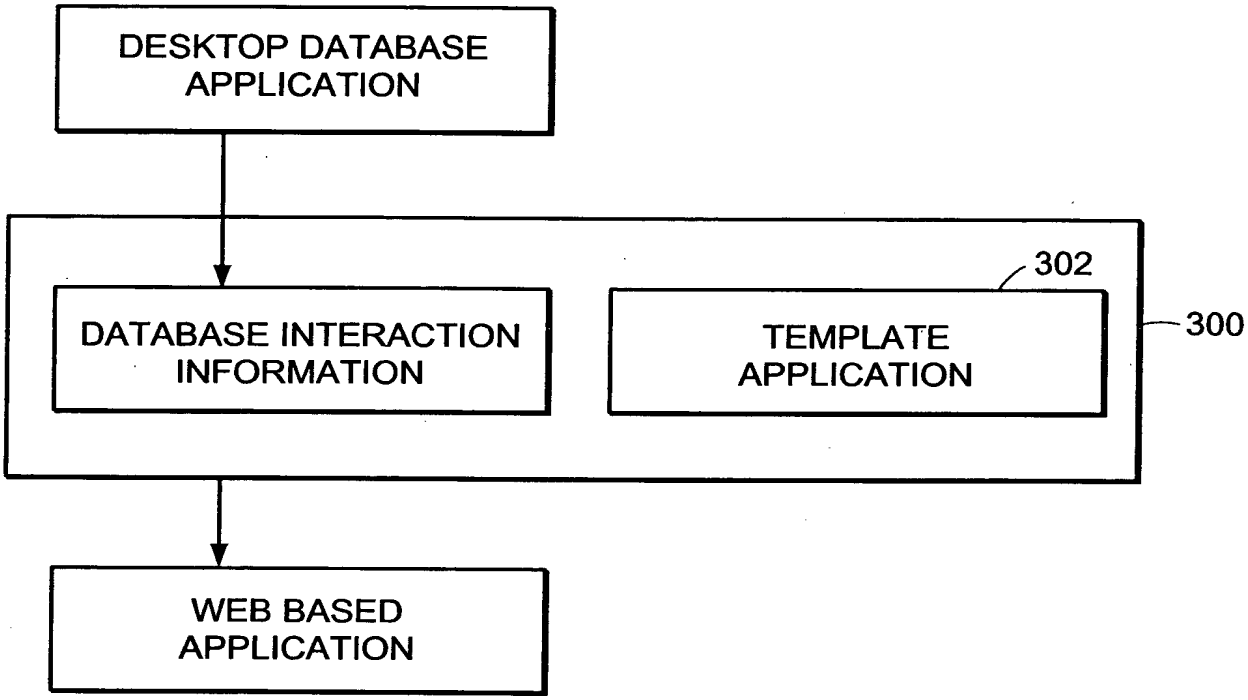

FIG. 3

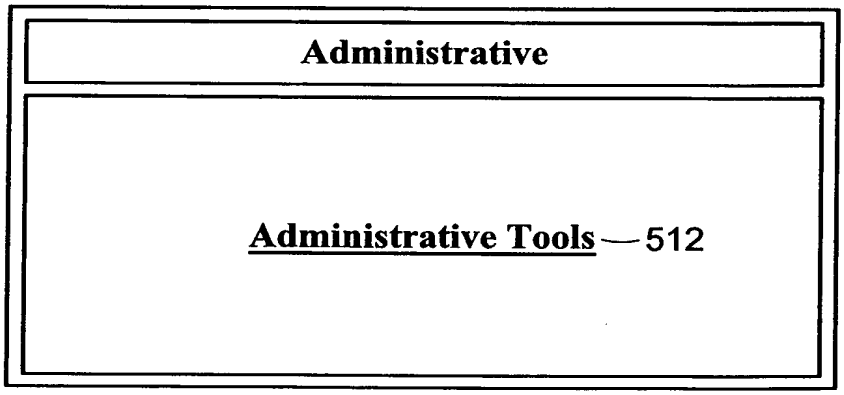

FIG. 6

OIPE JC
SEP 0 8 2003
PATENT & TRADEMARK

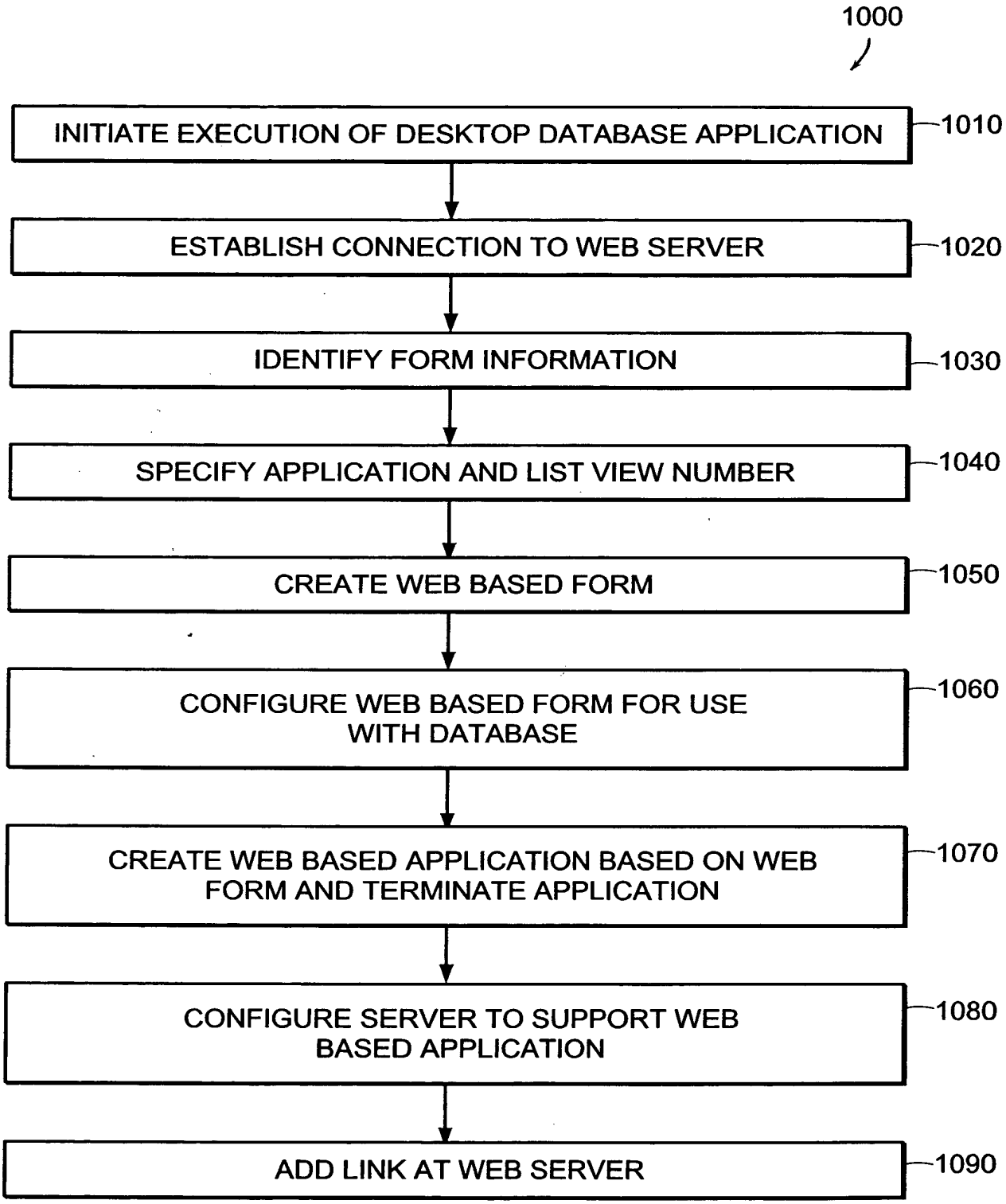

FIG. 4

OIPE JC95 SEP 08 2003 PATENT & TRADEMARK OFFICE

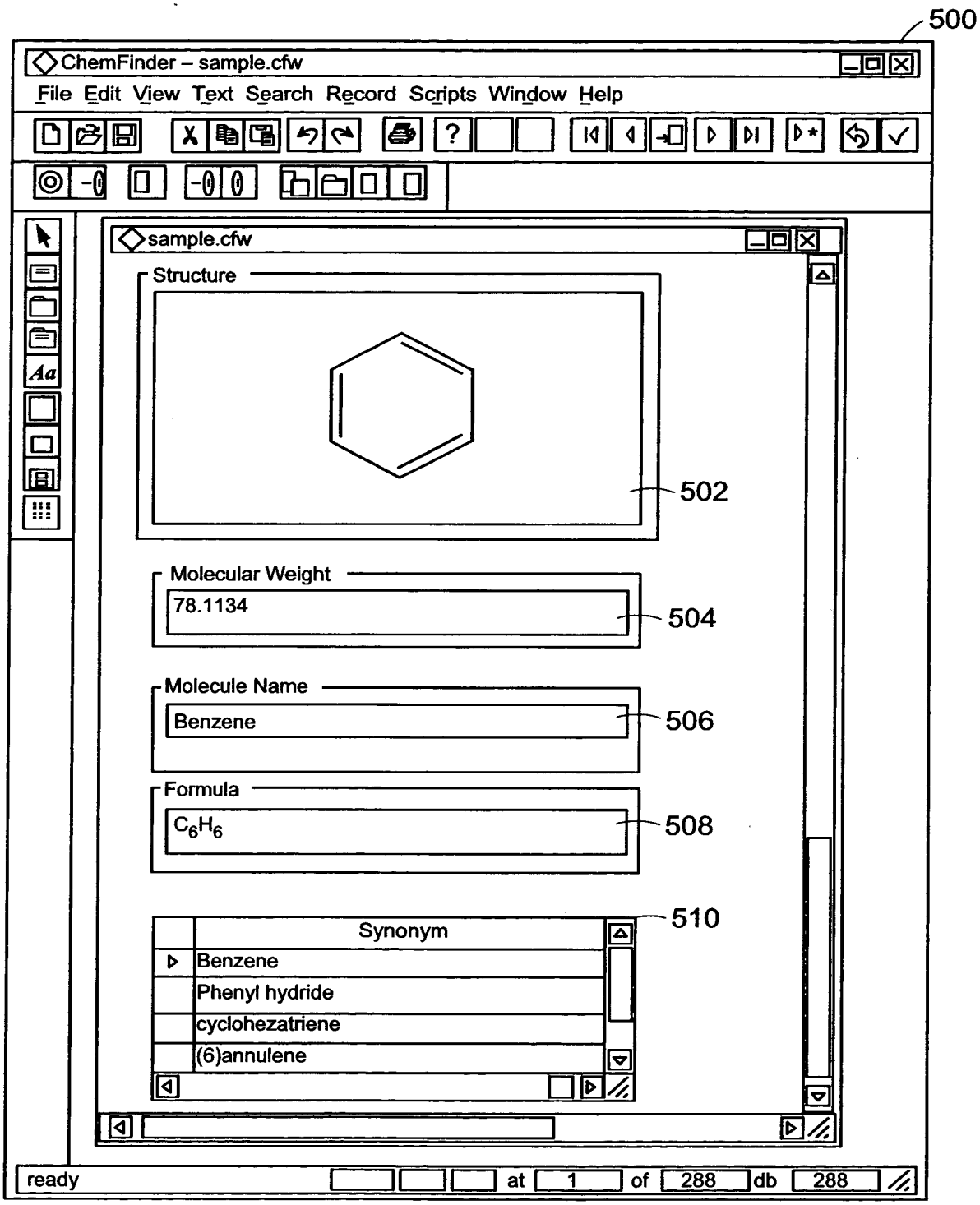

FIG. 5

OIPE JC95 SEP 08 2003 PATENT & TRADEMARK OFFICE

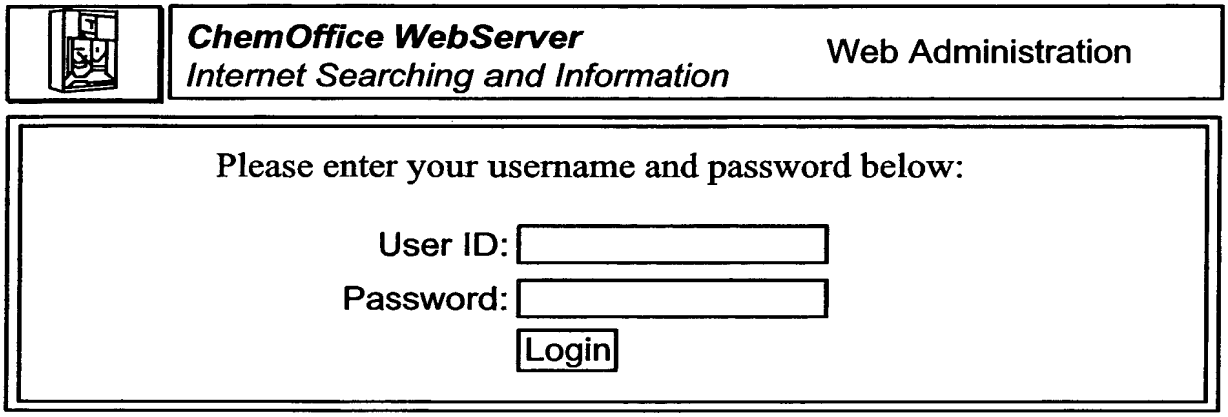

FIG. 7

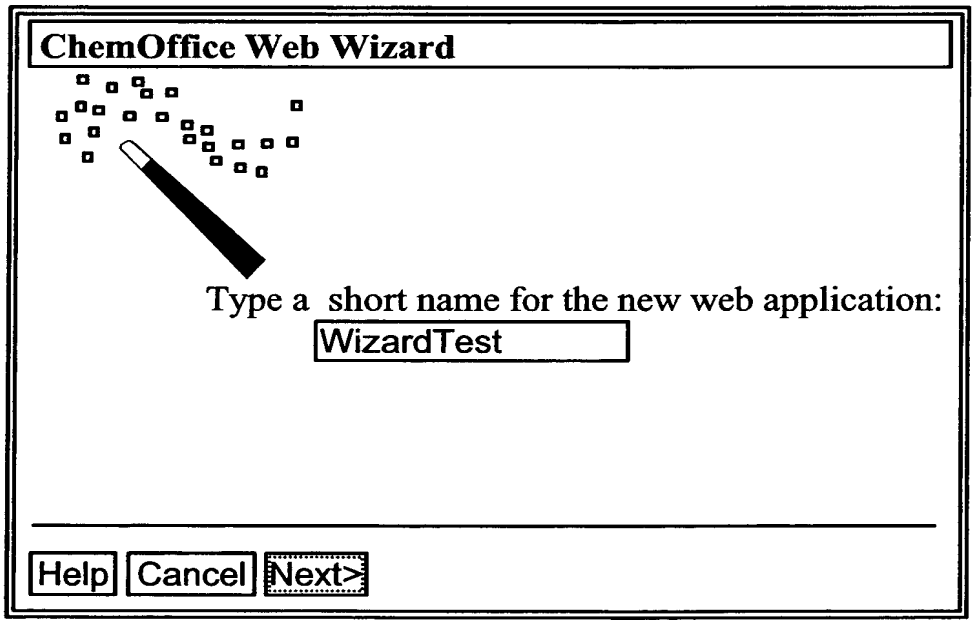

FIG. 9

OIPE JC35
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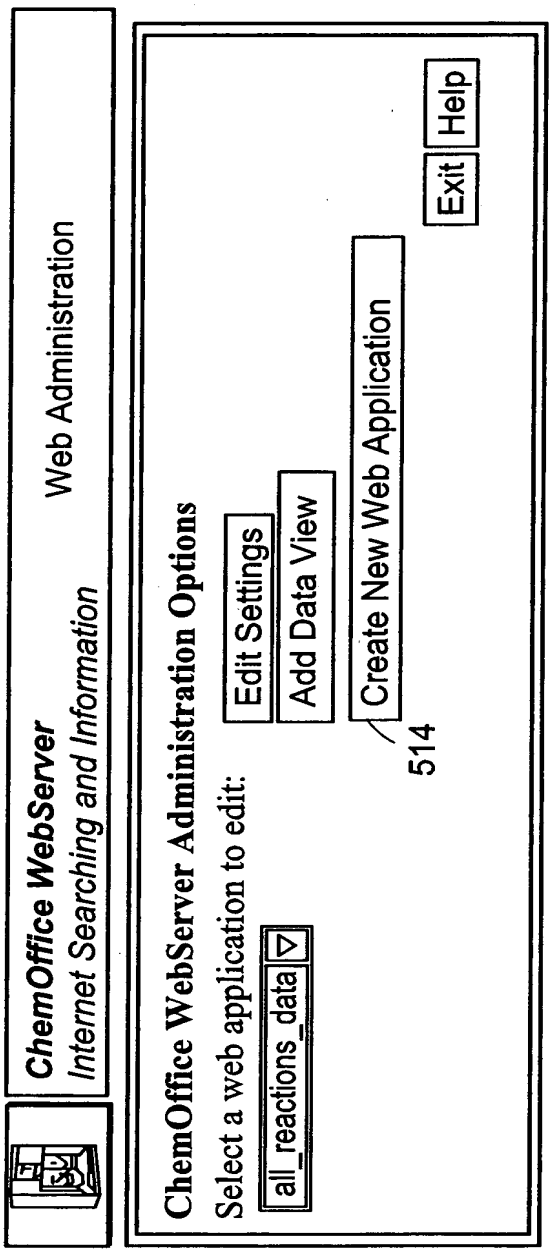

FIG. 8

OIPE JC95 SEP 08 2003 PATENT & TRADEMARK OFFICE

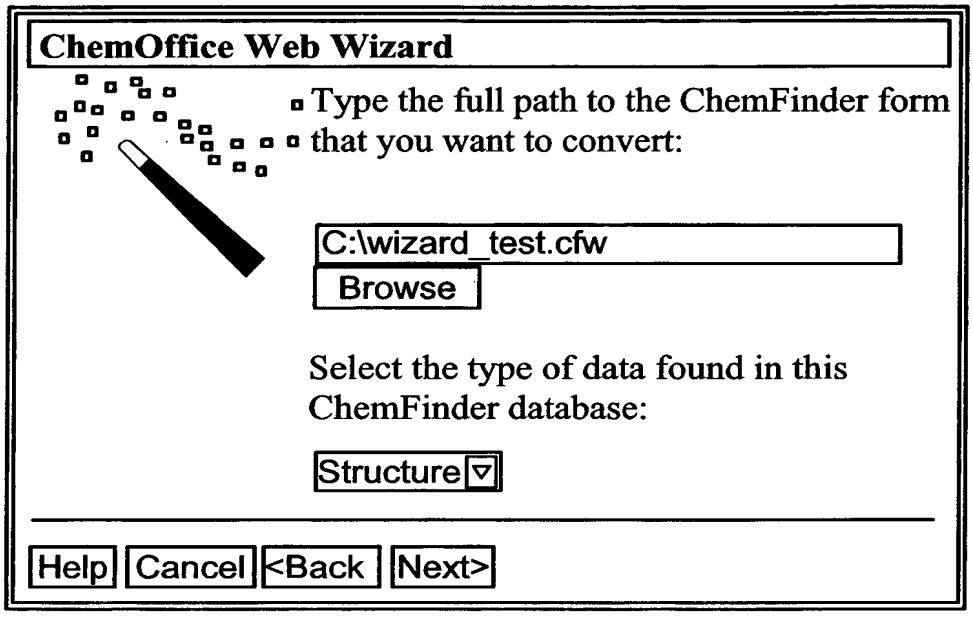

FIG. 10

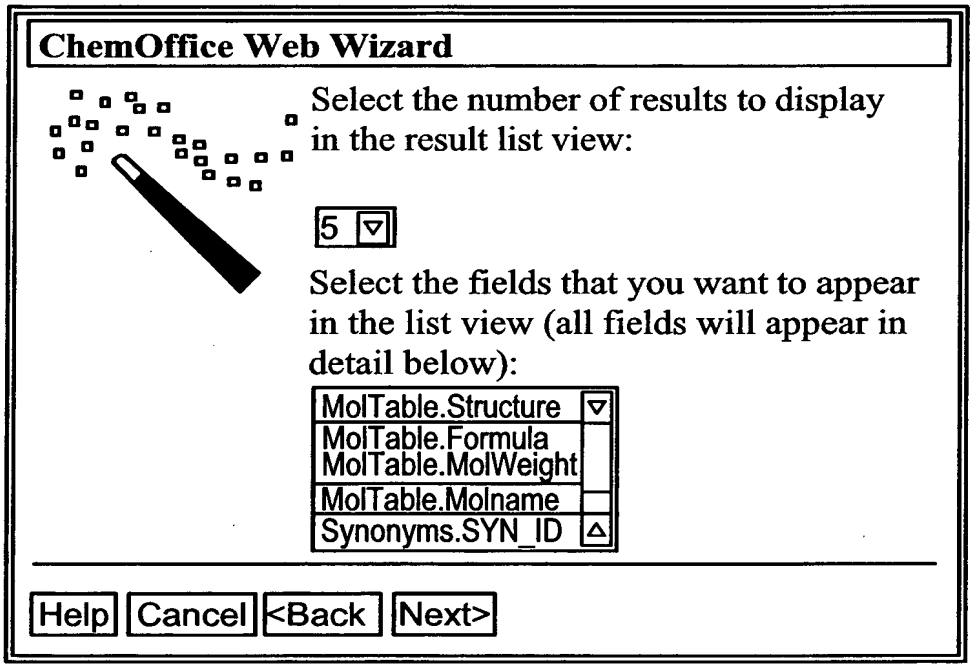

FIG. 11

OIPE
SEP 08 2003
PATENT & TRADEMARK OFFICE

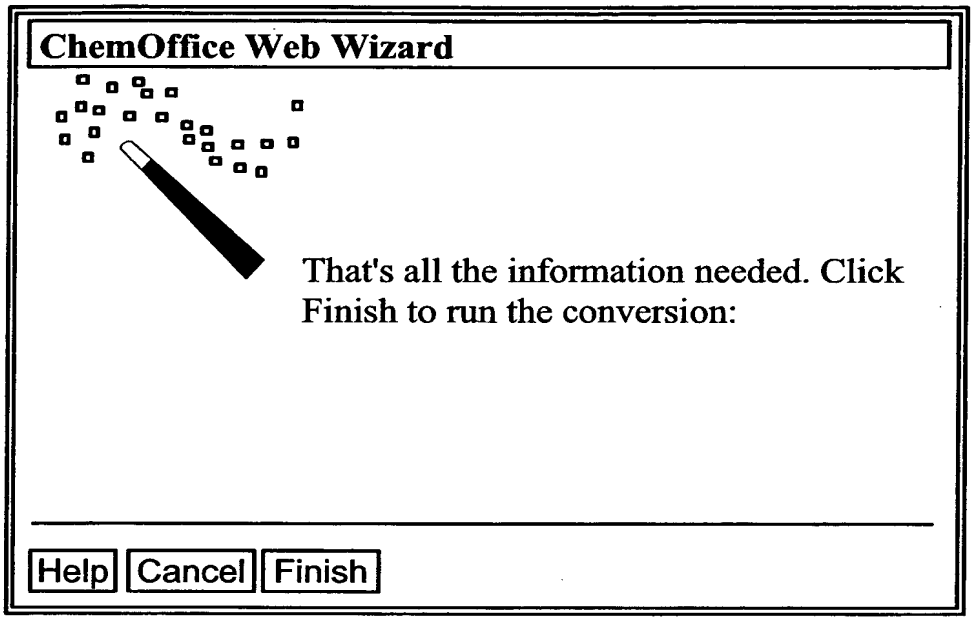

FIG. 12

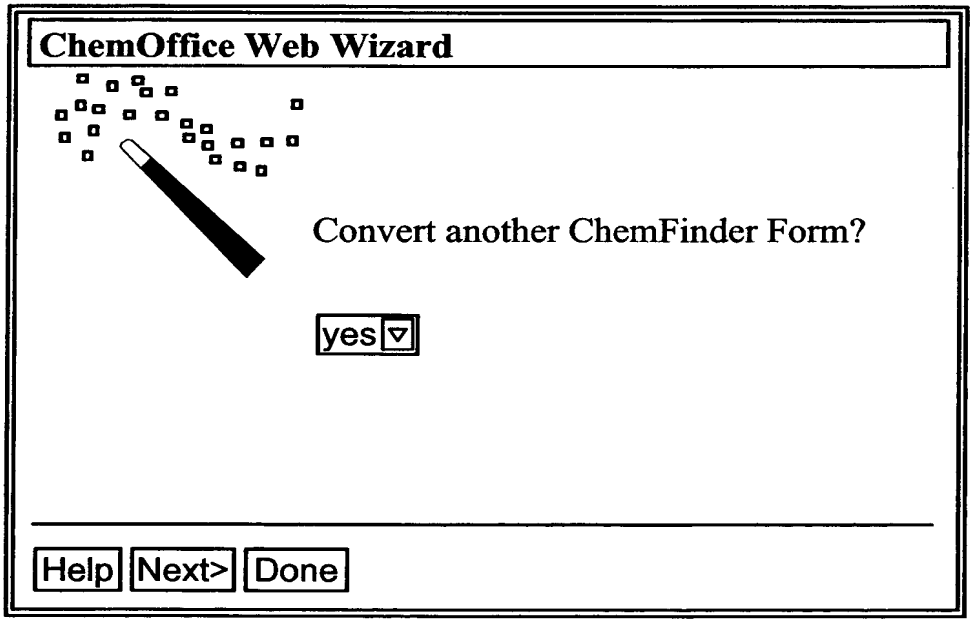

FIG. 13

OIPE
SEP 08 2003
PATENT & TRADEMARK OFFICE

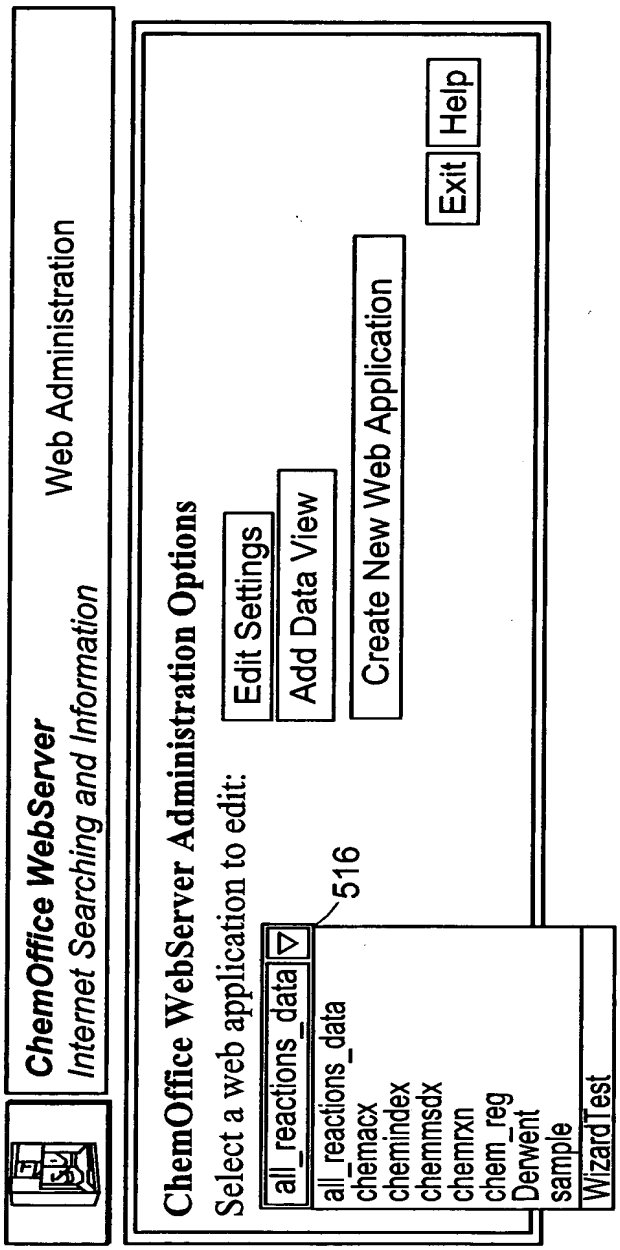

FIG. 14

OIPE JC85 SEP 08 2003 PATENT & TRADEMARK OFFICE

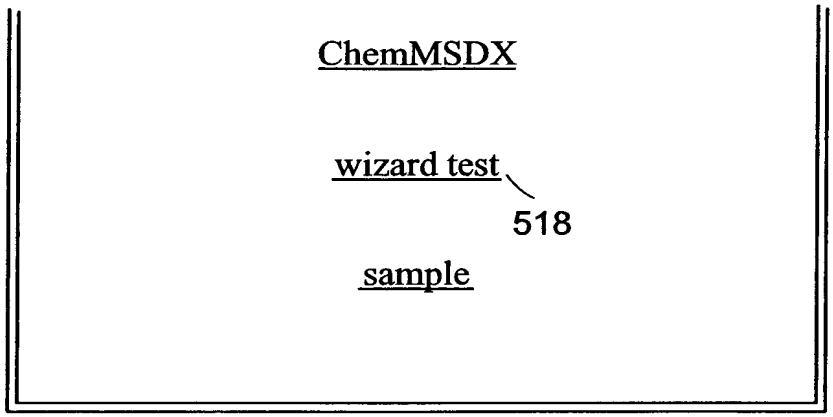

FIG. 15

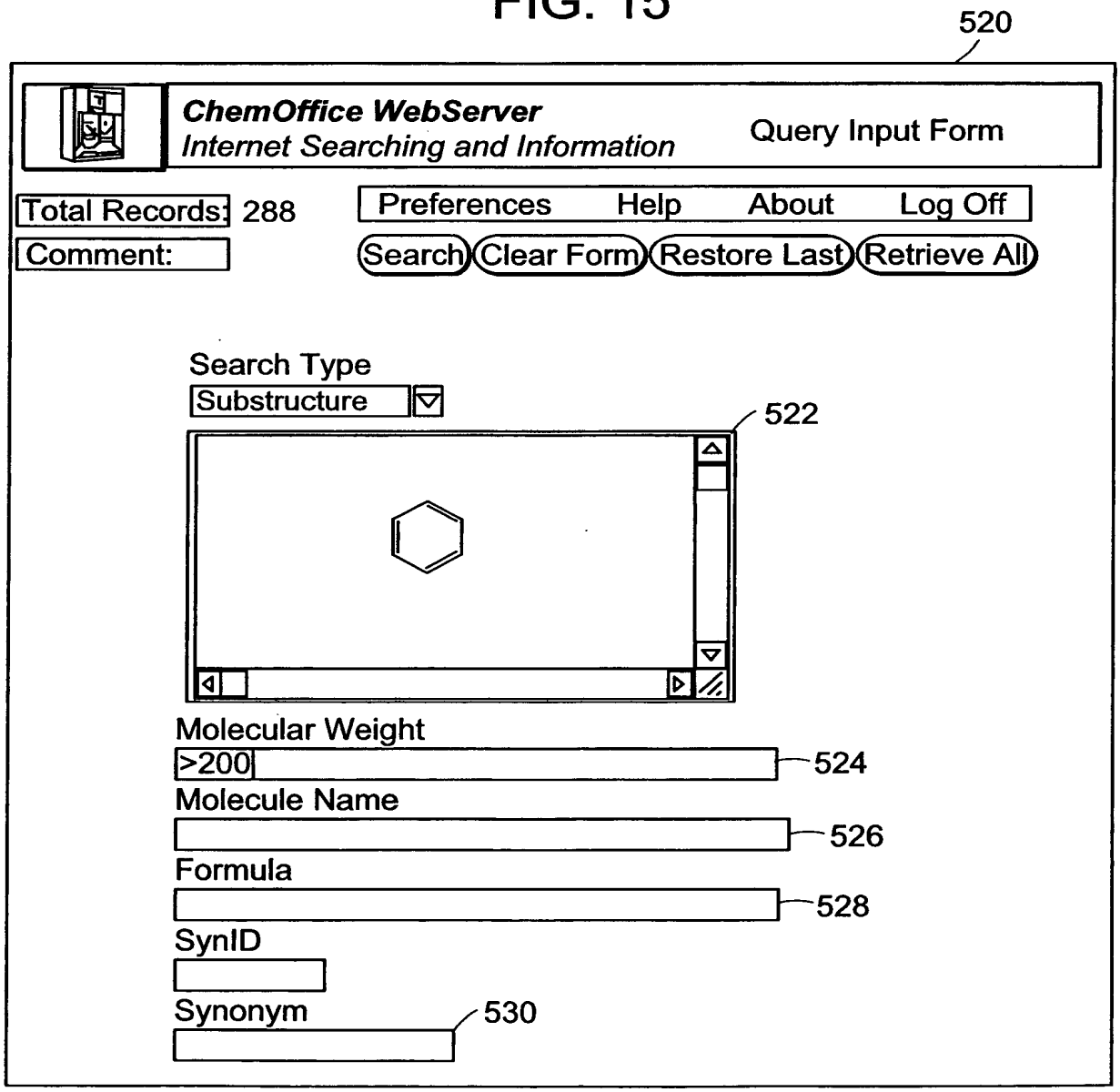

FIG. 16

OIPE
SEP 08 2003
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532

ChemOffice WebServer
Internet Searching and Information Results List View

Total Records: 288

Preferences Help About Log Off

Comment:

New Query | Edit Query | Refine | Save Query | Export Hits

Record 1-5 of 48 hits <<| < | Rec# | > | >>

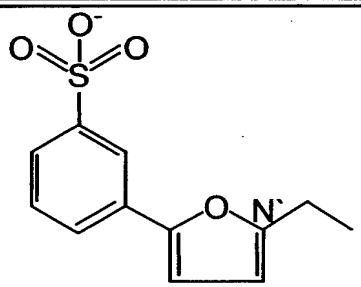
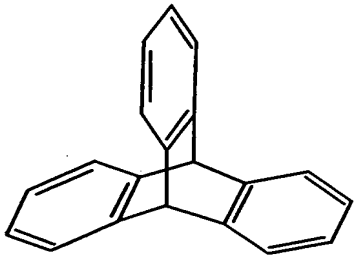
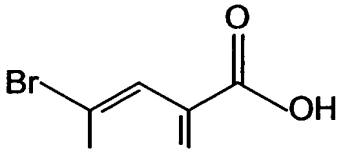
	Structure	Molname
Record 1 of 48 Mark Record Show Details		2-Ethyl-5-m-sulfophenylisoxazolium hydroxide, inner salt
Record 2 of 48 Mark Record Show Details		Triptycene
Record 3 of 48 Mark Record Show Details		3-Bromobenzoic acid

FIG. 17

OIPE JC35
SEP 08 2003
PATENT & TRADEMARK OFFICE

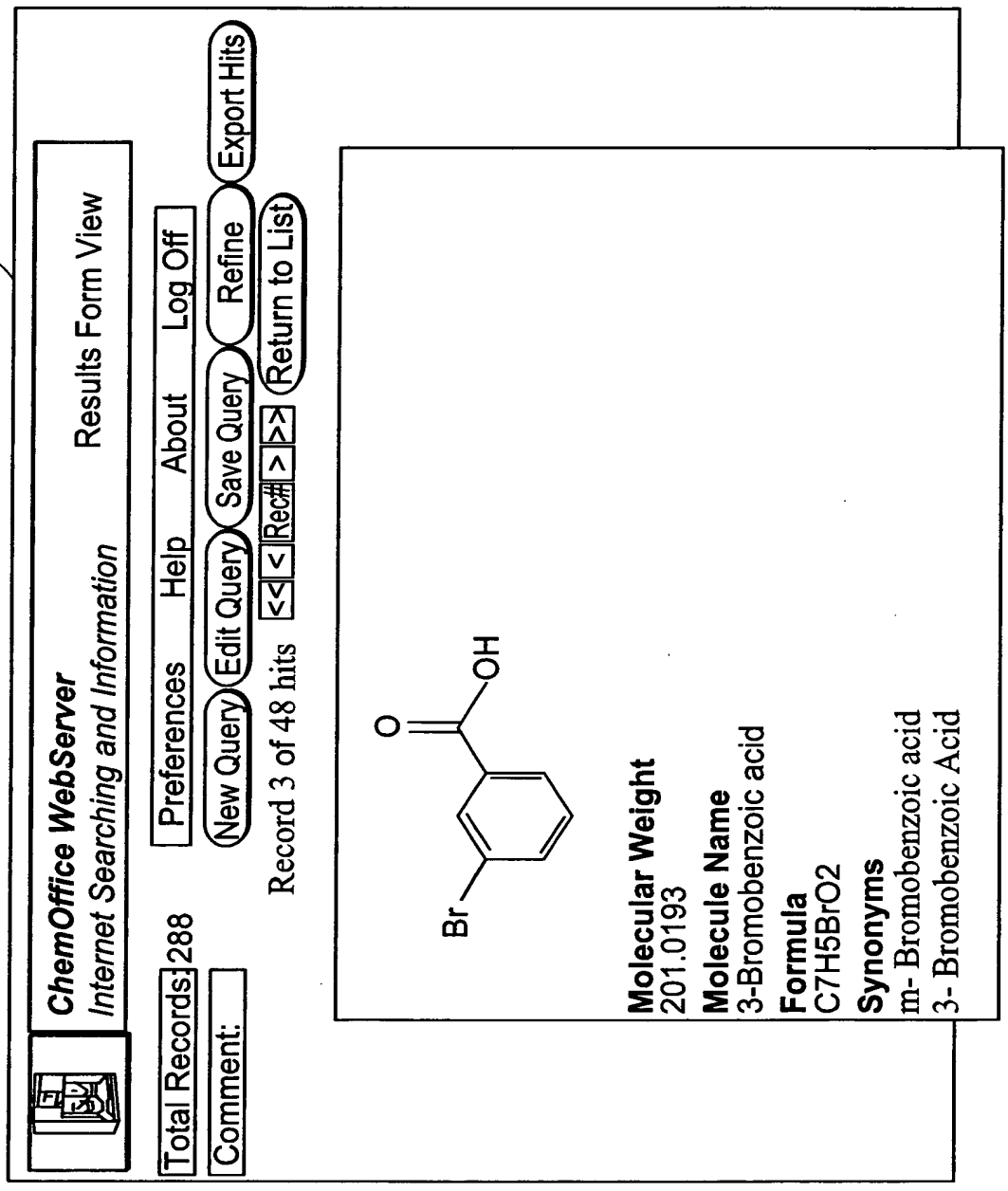


FIG. 18

OIPE
SEP 08 2003
PATENT & TRADEMARK OFFICE

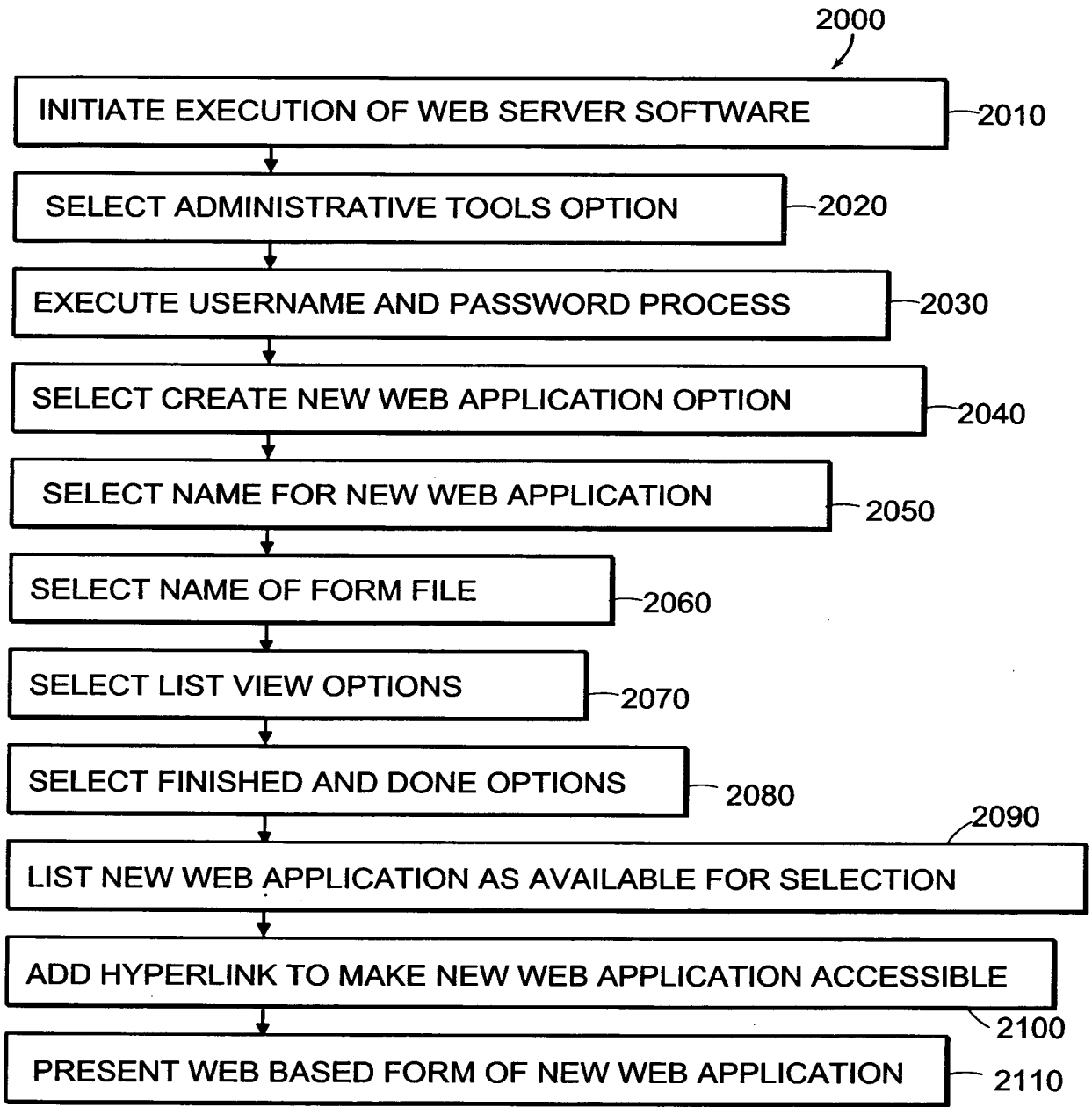


FIG. 19

OIPE
SEP 0 8 2003
PATENT & TRADEMARK OFFICE
JC95

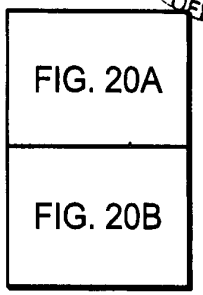


FIG. 20

cfwoutput.txt

```
* CFW Form Definition

* FONT: height  style  name
* FBOX: boxtype  l t r b  id  dtype  fntno  fldtype  fldname

DSRC " "C:\wizard_test\wizard_test.MDB" " MolTable"
FONT 8 0 0 0 0 MS Sans Serif
FONT 10 0 0 0 0 Arial
FONT 8 700 0 0 0 Arial
```

FIG. 20A

PATENT & TRADEMARK OFFICE
SEP 08 2003
OIPE
JC95

```
FBOX 6" "23 411 306 542" "2001" "0" "0" "1" "MOL_ID" "C:\wizard_test\w
izard_test.MDB" "Synonyms" "SYN_ID" "Synonym"
SUBFORM 2001
* CFW Form Definition

* FONT: height  style  name
* FBOX: boxtype  l t r b  id  dtype  fntno  fldtype  fldname

DSRC " "C:\samples\SAMPLE.MDB" " Synonyms"
FONT 8 0 0 0 0 MS Sans Serif
FONT 10 0 0 0 0 Arial
FONT 8 700 0 0 0 Arial

FBOX 0" "12 12 72 60" "2001" "0" "0" "1" "SYN_ID"
FBOX 0" "90 10 247 62" "2002" "0" "0" "0" "Synonym"
END SUBFORM
FBOX 1" "12 12 315 187" "2002" "1" "0" "0" "Structure"
FBOX 4" "20 28 307 179" "2003" "0" "0" "3" "Structure"
FBOX 1" "20 203 307 257" "2004" "1" "0" "0" "Molecular Weight"
FBOX 0" "28 219 299 249" "2005" "0" "0" "5" "MolWeight"
FBOX 1" "21 268 307 328" "2006" "1" "0" "0" "Molecule Name"
FBOX 0" "28 293 301 317" "2007" "0" "0" "0" "Molname"
FBOX 1" "21 339 309 399" "2008" "1" "0" "0" "Formula"
FBOX 5" "29 355 301 391" "2009" "0" "0" "4" "Formula"
```


FIG. 20B

OIPE
SEP 0 8 2003
PATENT & TRADEMARK OFFICE
JC95

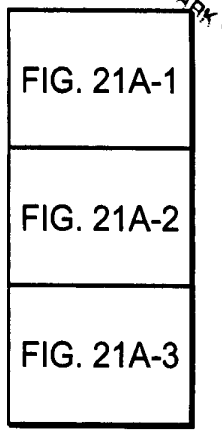


FIG. 21A

wizard_test (1).ini

```
[GLOBALS]
ABOUT_WINDOW=wizard_test
DISPLAY_NAME=wizard_test
MAXHITS=100
CFW_INSTANCE=new
DB_RECORD_COUNT=288
DB_TYPE=STRUC
TABLE_ALIASES=MolTable,Synonyms
SUBFORM_VIEW_NAMES=NULL
ADO_CONNECTION_NAMES=base_connection
CHEM_CONNECTION_NAMES=base_cfw_form
TABLE_GROUPS=base_table_group
FORM_GROUPS=base_form_group,basenp_form_group,gs_form_group,add_record
_form_group,drill_down_form_group
FIELD_MAP_GROUPS=gs_field_map_group
```

FIG. 21A-1

OIPE
SEP 08 2003
PATENT & TRADEMARK OFFICE
JC96

```
[MOLTABLE]
TABLE_NAME=MolTable
RELATIONAL_FIELDS=Molname;0
PRIMARY_KEY=MOL_ID
SQL_SYNTAX=ACCESS
SELECT_KEYWORD=DISTINCT
SELECT_ADDITIONAL=NULL
SELECT_JOIN=MolTable.MOL_ID
SELECT_LINKS=MolTable.MOL_ID;1,MolTable.MOL_ID;1
INTER_TABLES=NULL
ADO_CONNECTION=base_connection
CHEM_CONNECTION=base_cfw_form
STRUC_FIELD_ID=MOL_ID
```

FIG. 21A-2

PATENT & TRADEMARK OFFICE
SEP 08 2003
OIPE
JC45

```
[SYNONYMS]
TABLE_NAME=Synonyms
RELATIONAL_FIELDS=SYN_ID;1,Synonym;0
PRIMARY_KEY=SYN_ID
SQL_SYNTAX=ACCESS
SELECT_KEYWORD=NULL
SELECT_ADDITIONAL=NULL
SELECT_JOIN=Synonyms.SYN_ID=MolTable.MOL_ID
SELECT_LINKS=Synonyms.SYN_ID;1,MolTable.MOL_ID;1
INTER_TABLES=MolTable
ADO_CONNECTION=base_connection
CHEM_CONNECTION=NULL
STRUC_FIELD_ID=NULL

[BASE_CONNECTION]
CONN_TYPE=DBQ
CONNECTION_STRING=C:\wizard_test\wizard_test.MDB;Driver={Microsoft Acc
ess Driver (*.mdb)};DriverId=25;FIL=MS Access;
CONNECTION_TIMEOUT=30
COMMAND_TIMEOUT=30
```


FIG. 21A-3

OIPE
SEP 0 8 2003
PATENT & TRADEMARK OFFICE
1C95

wizard_test (1).ini

```
CONNECTION_USERNAME=""
CONNECTION_PASSWORD=""

[BASE_CFW_FORM]
STRUC_ENGINE=CFW
STRUC_FORM_NAME=wizard_test
STRUC_DB_PATH=C:\wizard_test\wizard_test.MDB
STRUC_TABLE_NAME=MolTable

[BASE_TABLE_GROUP]
BASE_TABLE=MolTable
MOLECULE_TABLE=MolTable
TABLE_SQL_ORDER=MolTable,Synonyms
```

FIG. 21B-1

FIG. 21B-1
FIG. 21B-2
FIG. 21B-3

FIG. 21B

OIPE
SEP 0 8 2003
PATENT & TRADEMARK OFFICE


```
[BASE_FORM_GROUP]
INPUT_FORM_PATH=wizard_test_input_form.asp
INPUT_FORM_MODE=search
RESULT_FORM_PATH=wizard_test_result_list.asp
RESULT_FORM_MODE=list
PLUGIN_VALUE=True
STRUCTURE_FIELDS=MolTable.Structure
FORM_GROUP_FLAG=SINGLE_SEARCH
MW_FIELDS=MolTable.MolWeight
FORMULA_FIELDS=MolTable.Formula
SEARCHABLE_ADO_FIELDS=MolTable.Molname;0,Synonyms.SYN_ID;1,Synonyms.Sy
nonym;0
REQUIRED_FIELDS=NULL
SDFILE_FIELDS=NULL
TABLE_GROUP=base_table_group
NUM_LIST_VIEW=5
```

FIG. 21B-2

PATENT & TRADEMARK OFFICE
SEP 0 8 2003
OIPE

```
[BASENP_FORM_GROUP]
INPUT_FORM_PATH=wizard_test_input_formnp.asp
INPUT_FORM_MODE=search
RESULT_FORM_PATH=wizard_test_result_list.asp
RESULT_FORM_MODE=list
PLUGIN_VALUE=False
STRUCTURE_FIELDS=NULL
FORM_GROUP_FLAG=SINGLE_SEARCH
MW_FIELDS=MolTable.MolWeight
FORMULA_FIELDS=MolTable.Formula
SEARCHABLE_ADO_FIELDS=MolTable.Molname;0,Synonyms.SYN_ID;1,Synonyms.Sy
nonym;0
REQUIRED_FIELDS=NULL
SDFILE_FIELDS=NULL
TABLE_GROUP=base_table_group
NUM_LIST_VIEW=5

[GS_FORM_GROUP]
INPUT_FORM_PATH=wizard_test_input_form.asp
INPUT_FORM_MODE=search
```


FIG. 21B-3

PATENT & TRADEMARK OFFICE
SEP 08 2003
OIPE
JC95

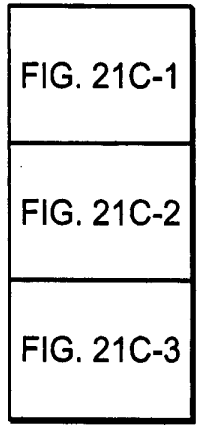


FIG. 21C

wizard_test (1).ini

```
RESULT_FORM_PATH=wizard_test_result_list.asp
RESULT_FORM_MODE=list
PLUGIN_VALUE=True
STRUCTURE_FIELDS=MolTable.Structure
FORM_GROUP_FLAG=GLOBAL_SEARCH
MW_FIELDS=MolTable.MolWeight
FORMULA_FIELDS=MolTable.Formula
SEARCHABLE_ADO_FIELDS=MolTable.Molname;0,Synonyms.SYN_ID;1,Synonyms.Sy
nonym;0
REQUIRED_FIELDS=NULL
SDFILE_FIELDS=NULL
TABLE_GROUP=base_table_group
NUM_LIST_VIEW=5
FIELD_MAP_GROUP=gs_field_map_group
```

FIG. 21C-1

OIPE
SEP 0 8 2003
PATENT & TRADEMARK OFFICE

```
[ADD_RECORD_FORM_GROUP]
INPUT_FORM_PATH=wizard_test_input_form.asp
INPUT_FORM_MODE=search
RESULT_FORM_PATH=wizard_test_result_list.asp
RESULT_FORM_MODE=list
PLUGIN_VALUE=True
STRUCTURE_FIELDS=MolTable.Structure
FORM_GROUP_FLAG=ADD_RECORD
MW_FIELDS=MolTable.MolWeight
FORMULA_FIELDS=MolTable.Formula
SEARCHABLE_ADO_FIELDS=MolTable.Molname;0,Synonyms.SYN_ID;1,Synonyms.Sy
nonym;0
REQUIRED_FIELDS=NULL
SDFILE_FIELDS=NULL
TABLE_GROUP=base_table_group
NUM_LIST_VIEW=5
TABLE_ORDER_FULL_COMMIT=MolTable,Synonyms
TABLE_ORDER_PARTIAL_COMMIT=MolTable,Synonyms
REG_COMMIT_BASETABLE=MolTable
REG_COMMIT_MOLTABLE=MolTable
```


FIG. 21C-2

OIPE
SEP 0 8 2003
PATENT & TRADEMARK OFFICE
JC95


```
[DRILL_DOWN_FORM_GROUP]
INPUT_FORM_PATH=wizard_test_input_form.asp
INPUT_FORM_MODE=search
RESULT_FORM_PATH=wizard_test_result_list.asp
RESULT_FORM_MODE=list
PLUGIN_VALUE=True
STRUCTURE_FIELDS=MolTable.Structure
FORM_GROUP_FLAG=INDEX_SEARCH
MW_FIELDS=MolTable.MolWeight
FORMULA_FIELDS=MolTable.Formula
SEARCHABLE_ADO_FIELDS=MolTable.Molname;0,Synonyms.SYN_ID;1,Synonyms.Sy
nonym;0
REQUIRED_FIELDS=NULL
SDFILE_FIELDS=NULL
TABLE_GROUP=base_table_group
```

FIG. 21C-3

PATENT & TRADEMARK OFFICE
SEP 0 8 2003
OIPE
1095

wizard_test (1).ini

```
NUM_LIST_VIEW=5
INDEX_DB=wizard_test

[GS_FIELD_MAP_GROUP]
STRUC_FIELD_MAP=MolTable.Structure,MolTable.Structure
MW_FIELD_MAP=MolTable.MolWeight,MolTable.MolWeight
FORMULA_FIELD_MAP=MolTable.Formula,MolTable.Formula
OTHER_FIELD_MAP1=NULL
OTHER_FIELD_MAP2=NULL
OTHER_FIELD_MAP3=NULL
OTHER_FIELD_MAP4=NULL
OTHER_FIELD_MAP5=NULL
OTHER_FIELD_MAP6=NULL
```


FIG. 21D